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KEY TO ABBREVIATIONS, ACRONYMS, & SYMBOLS

A-a gradient [short for $P_{(A-a)O_2}$] = alveolar-arterial oxygen-tension gradient

a-A ratio [short for $P_{(a/A)O_2}$] = arterial-alveolar oxygen-tension ratio

AARC = American Association for Respiratory Care (formerly AART)

AART = American Association for Respiratory Therapy (now AARC)

ABG = arterial blood gas

ACCP = American College of Chest Physicians

ADL = activities of daily living

AIDS = acquired immunodeficiency syndrome

ALA = American Lung Association

ALS = amyotrophic lateral sclerosis

APRV = airway pressure release ventilation

ARDS = adult respiratory distress syndrome

ARF = acute respiratory failure

ATS = American Thoracic Society

auto-PEEP = unintended positive end-expiratory pressure

Basics of RD = Basics of Respiratory Disease (a Journal Feature)

BPD = bronchopulmonary dysplasia

CAI = computer-assisted instruction

CCC = chondroplasia calcificans congenita

CDC = Centers for Disease Control

CLD = chronic lung disease

CO = carbon monoxide

C.O. = cardiac output

CO₂ = carbon dioxide

COLD = chronic obstructive lung disease

COPD = chronic obstructive pulmonary disease

CPAP = continuous positive airway pressure

CPR = cardiopulmonary resuscitation

CPT = chest physical therapy

CVA = cerebral vascular accident

DRG = diagnosis-related group

ECMO = extracorporeal membrane oxygenation

EIB = exercise-induced bronchospasm

EMT = emergency medical technician

EOA = esophageal obturator airway

EPAP = end-positive airway pressure

FEF_{25-75%} = mid forced expiratory flow

FEV₁ = forced expiratory volume in 1 second

F_{IO₂} = fraction of inspired oxygen

FVC = forced vital capacity

HBO = hyperbaric oxygen

HFJV = high-frequency jet ventilation

HFO = high-frequency oscillation

HFPPV = high-frequency positive-pressure ventilation

HFPV = high-frequency percussive ventilation

HFV = high-frequency ventilation

HMD = hyaline membrane disease

HME = heat & moisture exchanger

ICP = increased intracranial pressure

ICU = intensive care unit

IE = inspiration-expiration ratio

IMV = intermittent mandatory ventilation

IPPB = intermittent positive-pressure breathing

IPPV = intermittent positive-pressure ventilation

IRDS = idiopathic respiratory distress syndrome

IV = Roman numeral 4

I.V. = intravenous

JCAH = Joint Commission on Accreditation of Hospitals

JCAHO = Joint Commission on Accreditation of Healthcare Organizations

MLT = minimum leak technique (of cuff inflation)

MRI = magnetic resonance imaging

MV = mechanical ventilation

NBRC = National Board for Respiratory Care

NIF = negative inspiratory force

O₂ = oxygen

$P_{(A-a)O_2}$ = alveolar-arterial oxygen-tension gradient

$P_{(a/A)O_2}$ = arterial-alveolar oxygen-tension ratio

P_{aO_2} = arterial oxygen tension

PDA = patent ductus arteriosus

PEEP = positive end-expiratory pressure

PFT = pulmonary function test or testing

PIE = pulmonary interstitial emphysema

P_{O_2} = partial pressure of oxygen

PSV = pressure-support ventilation

P_{vO_2} = mixed venous oxygen tension

RDS = respiratory distress syndrome (of infants)

RICU = respiratory intensive care unit

RIP = respiratory inductive plethysmograph or plethysmography

SCCM = Society of Critical Care Medicine

SI = System International (a system of units of measure)

SIDS = sudden infant death syndrome

SIMV = synchronized intermittent mandatory ventilation

S_{vO_2} = mixed venous oxygen saturation

T-E = tracheoesophageal

torr = mm Hg (millimeters of mercury pressure)

TYRS = Test Your Radiologic Skill (a Journal feature)

VC = vital capacity

\dot{V}_{CO_2} = carbon dioxide production

V_D/V_T = ratio of dead space to tidal volume

\dot{V}_E = expired minute ventilation

\dot{V}_{O_2} = oxygen uptake

V_T = tidal volume

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